

Recombinant Mouse Amica1 Protein, His-tagged

Cat. No. Amica1-974M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Amica1 (NP_001005421.3) (Met1-Leu281) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-281 a.a.
Predicted N Terminal	Leu 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse AMICA1 comprises 270 amino acids and has a predicted molecular mass of 30.9 kDa. The apparent molecular mass of the protein is approximately 47.7 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Amica1 adhesion molecule, interacts with CXADR antigen 1 \[Mus musculus \]](#)

Official Symbol [Amica1](#)

Synonyms

AMICA1; adhesion molecule, interacts with CXADR antigen 1; junctional adhesion molecule-like; mCrea7; adhesion molecule AMICA; dendritic cell-specific protein CREA7; dendritic-cell specific protein Crea7; AMICA; Crea7; Gm638; MGC61025;

Gene ID [270152](#)

mRNA Refseq [NM_001005421](#)

Protein Refseq [NP_001005421](#)

MIM

UniProt ID

Pathway

Adaptive Immune System, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a

Function

cell adhesion molecule binding;

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